

## Appendix A

**DIMENSIONS AND LEVELS**

This Appendix contains lists of the dimensions and levels used in constructing the vignettes used in this study. A computer program, VIG WRITE,<sup>1</sup> was used to compile the vignettes by randomly selecting levels from within each of the relevant dimensions. Note that once a level from Dimension A is picked, the program then proceeds to choose randomly levels from within all of the dimensions relevant to that crimes.

Letters and boldface designate dimensions. Levels are listed after the heading for each dimension. Dimensions that are used contingent on the selection of other dimensions are designated as such in parenthetical statements after the title for each dimension.

**Dimension A: Crime Dimension (All Vignettes)**

*[Note: This dimension has 96 levels total over 20 crime categories. Each of the 96 levels has a 1/96 probability of being selected.]*

**I. Drug Trafficking (20 levels listed below)**

has been convicted with several others of taking part over a four-month period in the selling of *[This stem to be added to each of the crimes listed below.]*

\$100 of powdered cocaine, about 15 doses.  
 \$1,000 of powdered cocaine, about 300 doses.  
 \$20,000 of powdered cocaine, about 16,000 doses.  
 \$100,000 of powdered cocaine, about 30,000 doses.  
 \$1,000,000 of powdered cocaine, about 300,000 doses.  
 \$100 of crack, about 10 doses.  
 \$1,000 of crack, about 300 doses.  
 \$20,000 of crack, about 6,000.  
 \$100,000 of crack, about 30,000 doses.  
 \$1,000,000 of crack, about 300,000  
 \$100 of heroin, about 3 doses.  
 \$1,000 of heroin, about 50 doses.  
 \$20,000 of heroin, about 1,000 doses.  
 \$100,000 of heroin, about 5,000 doses.  
 \$1,000,000 of heroin, about 50,000 doses.  
 \$100 of marijuana, about 60 doses.  
 \$1,000 of marijuana, about 900 doses.  
 \$20,000 of marijuana, about 18,000 doses.  
 \$100,000 of marijuana, about 90,000 doses.  
 \$1,000,000 of marijuana, about 900,000 doses.

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<sup>1</sup>VIG WRITE is a DbaseIII procedure written by Eleanor Weber, Deborah Sellers and Peter H. Rossi and published by the Social and Demographic Research Institute of the University of Massachusetts at Amherst.

II. Type A Frauds -- Minor frauds (4 levels listed below)

has been convicted of writing bad checks on an account opened using false identification. The bad checks amounted to  
 has been convicted of using a stolen credit card. The purchases amounted to  
 has been convicted of soliciting donations for a nonexistent charity. Victims lost  
 has been convicted of obtaining a mortgage by making false claims about assets and income. The defendant had no intention of paying back the mortgage. The mortgage was for

III. Type B Frauds -- Major frauds (6 levels listed below)

has been convicted of obtaining a mortgage by making false claims about assets and income. The defendant intended to pay back the mortgage. The mortgage was for  
 , a company officer, has been convicted of making personal gain from inside information learned before the information was made public. The officer bought stocks for HIS/HER personal account knowing that the stock price would go up when the information was made public. The profits amounted to  
 has been convicted of being responsible for the failure of a savings and loan association by lending money to borrowers HE/SHE knew could not pay back their loans. Losses amounted to  
 has been convicted of selling worthless stocks and bonds as valuable assets. Customer losses amounted to  
 has been convicted of selling defective helicopter parts to the federal government, thus endangering the lives of helicopter personnel and passengers. The seller knew the parts to be defective. The sales amounted to  
 , a doctor, has been convicted of submitting false Medicare claims to the government. The false claims amounted to

## IV. Firearms (5 levels listed below)

has been convicted of illegally owning a handgun because of a prior felony conviction for theft.  
(Use only "bb" (p=.5) or "cc" (p=.5) of Dimension OO.)

has been convicted of illegally owning a hunting rifle because of a prior felony conviction for theft. (Use only "bb" (p=.5) or "cc" (p=.5) of Dimension OO.)

has been convicted of possessing sawed-off shotguns, prohibited weapons. (Equal probability (p= 1/3) of assigning "aa", "bb", or "cc" of Dimension OO.)

xx has been convicted of selling firearms to a known felon. (Do not use any level of Dimension OO.)

xx , a licensed dealer, has been convicted of selling firearms without maintaining required sales records. (Do not use any level of Dimension OO.)

## V. Larceny (3 levels listed below)

has been convicted of stealing property worth

has been convicted of stealing mail containing checks worth

has been convicted of buying and selling goods HE/SHE knew were stolen worth

## VI. Immigration (5 levels listed below)

has been convicted of smuggling unauthorized aliens into the U.S. for profit.

has been convicted of smuggling family members who were unauthorized aliens into the U.S.

has been convicted of illegally entering the U.S. using false papers.

has been convicted of illegally re-entering the U.S. after a previous deportation.

has been convicted of smuggling unauthorized aliens into the U.S. for profit in a way that endangered the safety of the aliens.

## VII. Bank Robbery (6 levels listed below)

has been convicted of robbing a bank. The robber gave a note to the teller demanding money but did not threaten any harm. The robber did not have a weapon.

has been convicted of robbing a bank. The robber pointed a handgun at a teller and demanded money. The gun was not fired.

has been convicted of robbing a bank. The robber pointed a handgun at a teller and demanded money. The robber fired the gun at the ceiling, but no one was hurt.

has been convicted of robbing a bank. The robber pointed a handgun at a teller and demanded money. The robber fired the gun at the teller, who suffered a minor wound.

has been convicted of robbing a bank. The robber pointed a handgun at a teller and demanded money. The robber fired the gun at the teller, who was seriously wounded.

has been convicted of robbing a bank. The robber gave a note to a teller demanding money and threatening to blow up the bank. No one was hurt.

## VIII. Street Robbery (2 levels listed below)

yy has been convicted of robbing a convenience store

zz has been convicted of taking a car by forcing the driver out of the car

## IX. Embezzlement (3 levels listed below)

- , a bank employee, has been convicted of stealing bank funds.
- , a bank vice president, has been convicted of stealing bank funds.
- , a postal worker, has been convicted of stealing from the U.S. mails.

## X. Civil Rights (5 levels listed below)

- , a police officer, has been convicted of beating [STATUS I] motorist who was found driving a car with no registration and with expired license plates. (Do not use any level of Dimension OO.)
- , a police officer, has been convicted of beating a motorist who was found driving a car with no registration and with expired license plates. The motorist resisted the police officer's attempts to examine HIS/HER license and registration. (Do not use any level of Dimension OO.)
- , a police officer, has been convicted of beating a motorist who was found driving a car with no registration and with expired license plates. The motorist did not resist the police officer's attempts to examine HIS/HER license and registration. (Do not use any level of Dimension OO.)
- has been convicted of trying to get [STATUS I] couple who just moved into the neighborhood to move out by burning a cross on their lawn. (Equal probability ( $p=1/3$ ) of assigning "aa", "bb", or "cc" of Dimension OO.)
- has been convicted of painting threats and obscenities on a [STATUS II]. (Equal probability ( $p=1/3$ ) of assigning "aa", "bb", or "cc" of Dimension OO.)

## XI. Antitrust (2 levels listed below)

- has been convicted of conspiring with other companies to fix prices for soft drinks.
- has been convicted of agreeing with competitors to rig bids for government contracts in order to control the market and guarantee higher profits for the companies involved.

## XII. Food &amp; Drug Violations (3 levels listed below)

- ww has been convicted of adding poison to 17 packages of over-the-counter drugs (Equal probability ( $p=1/3$ ) of assigning "aa", "bb", or "cc" of Dimension OO.)
- has been convicted of putting a drug on the market, falsely claiming that the drug was adequately tested and had no dangerous side effects. (Do not use any level of Dimension OO.)
- has been convicted of putting a new drug on the market, concealing evidence that the drug had potentially dangerous side effects in users. (Do not use any level of Dimension OO.)

## XIII. Environmental Violations (5 levels listed below)

- 1 has been convicted of illegally logging on federal lands.
- 2 has been convicted of failing to install proper antipollution devices on factory smoke stacks.
- 3 has been convicted of killing a bald eagle, protected by law as an endangered species.

- 4 , a plant manager, has been convicted of violating the terms of the plant's water discharge permit by discharging waste water that was 20 degrees warmer than allowed into a stream.
- 5 , a plant manager, has been convicted of violating the terms of the plant's water discharge permit by discharging waste water containing a toxic chemical.

XIV. Tax (6 levels listed below)

*[Note: Crime stems appear twice.]*

- uu has been convicted of tax evasion for under-reporting income on tax returns
- uu has been convicted of failing to file income tax returns
- uu has been convicted of promoting an illegal tax shelter to the public
- uu has been convicted of tax evasion for under-reporting income on tax returns
- uu has been convicted of failing to file income tax returns
- uu has been convicted of promoting an illegal tax shelter to the public

XV. Extortion and Blackmail (1 level listed below)

has been convicted of

XVI. Bribery (4 levels listed below)

- , a government purchasing agent, has been convicted of accepting a bribe to award a supply contract. (Do not use any level of Dimension OO.)
- has been convicted of bribing a county commissioner to obtain a contract. (Equal probability (p= 1/3) of assigning "aa", "bb", or "cc" of Dimension OO.)
- has been convicted of bribing a company purchasing agent to obtain a supply contract. (Equal probability (p= 1/3) of assigning "aa", "bb", or "cc" of Dimension OO.)
- , a county commissioner, has been convicted of accepting a bribe to award a contract. (Do not use any level of Dimension OO.)

XVII. Drug Possession (8 levels listed below)

*[Note: Drugs appear twice]*

has been convicted of possessing a small amount of [DRUG] for personal use.

*[Insert DRUG title as listed below.]*

powdered cocaine  
 crack cocaine  
 heroin  
 marijuana  
 powdered cocaine  
 crack cocaine  
 heroin  
 marijuana

XVIII. Forgery/Counterfeiting (3 levels listed below)

has been convicted of counterfeiting US currency. The counterfeit currency amounted to  
 has been convicted of writing bad checks on an account opened using false identification. The  
 bad checks amounted to  
 has been convicted of making purchases using illegally obtained credit card numbers. The  
 purchases amounted to

XIX. Money Laundering (3 levels listed below)

, a rare coin dealer, has been convicted for failing to file forms required when receiving a cash  
 payment of more than \$10,000. (Equal probability ( $p=1/3$ ) of assigning "aa", "bb", or "cc"  
 of Dimension OO.)  
 , a rare coin dealer, has been convicted of arranging large cash purchases by criminals. The  
 dealer provided the criminals with rare coins, which they could then sell and appear to  
 have earned the money lawfully. (Equal probability ( $p=1/3$ ) of assigning "aa", "bb", or "cc"  
 of Dimension OO.)  
 , a bank official, has been convicted of arranging deposits of large sums of money in ways that  
 avoided the requirement that cash transactions of more than \$10,000 be reported. (Do  
 not use any level of Dimension OO.)

XX. Kidnapping (2 levels listed below)

has been convicted of kidnapping a person and demanding ransom. The kidnapped person was  
 not harmed.  
 has been convicted of kidnapping a person and demanding ransom. The kidnapped person was  
 killed.

**Dimension B: DRUG TRAFFICKING - Role**

*[Note: Contingent on Drug Trafficking as CRIME. This dimension appears in all Drug Trafficking vignettes.]*

The defendant allowed HIS/HER apartment to be used for drug sales.  
 The defendant was a courier who was paid to transport drugs from overseas to dealers for a fee.  
 The defendant was a street-level dealer who bought drugs from a wholesale dealer and sold  
 directly to users.  
 The defendant was the leader of a drug-dealing organization that hired 6 people.  
 The defendant was a bodyguard for a wholesale drug dealer.  
 The defendant was the leader of a drug-dealing organization that hired 50 people.  
 The defendant was the financial backer of a drug-dealing network run by others.

**Dimension C: Drug Trafficking - Weapons & Violence**

*[Note: Contingent on Drug Trafficking as CRIME. This dimension appears in all Drug Trafficking vignettes.]*

In HIS/HER criminal work, the defendant did not carry or use any weapons or engage in  
 violence.  
 the defendant usually carried a handgun but was not known to have used the weapon or to  
 have engaged in violence.  
 Although the defendant did not carry any weapons, the people he worked with did.  
 The defendant carried a handgun and was known to threaten others with it.  
 The defendant carried a handgun and was known to have shot and wounded others.

The defendant and HIS/HER co-defendants were known to have shot and seriously wounded several people.

The drug-dealing organization was known to use weapons and violence as a way of doing business.

**Dimension D: Type A Frauds - Loss**

*[Note: Contingent on Fraud Type A as CRIME. This dimension appears in all Fraud Type A vignettes.]*

\$200.

\$900.

\$4,000.

\$40,000.

\$190,000.

\$400,000.

**Dimension E: Type B Frauds - Loss**

*[Note: Contingent on Fraud Type B as CRIME. This dimension appears in all Fraud Type B vignettes.]*

\$50,000.

\$100,000.

\$200,000.

\$400,000.

\$1,800,000.

\$3,800,000.

\$17,000,000.

\$80,000,000.

**Dimension F: Firearms - Number of Weapons**

*[Note: Contingent on Firearms as CRIME. This dimension appears ONLY in the two Firearms dealer/seller vignettes, as marked with "xx" in IV. Firearms.]*

Two weapons were involved.

Ten weapons were involved.

More than fifty weapons were involved.

**Dimension G: Firearms - Weapon Use**

*[Note: Contingent on Firearms as CRIME. This dimension appears ONLY in the two Firearms dealer/seller vignettes, as marked with "xx" in IV. Firearms.]*

The defendant knew the weapons were to be used in illegal drug trafficking.

The defendant knew that the weapons were to be used in robberies.

The defendant did not believe that the weapons were going to be used in committing any crimes.

**Dimension H: Larceny - Amounts**

*[Note: Contingent on Larceny as CRIME. This dimension appears in all Larceny vignettes.]*

\$200.

\$900.  
 \$4,000.  
 \$40,000.  
 \$400,000.

**Dimension I: Larceny - Planning**

*[Note: Contingent on Larceny CRIME. This dimension appears in all Larceny vignettes.]*

The crime was carefully planned over a long period of time.  
 The crime was done on the spur of the moment.

**Dimension J: Bank Robbery - Loss**

*[Note: Contingent on Bank Robbery as CRIME. This dimension appears in all Bank Robbery vignettes.]*

\$900 was taken.  
 \$4,000 was taken.  
 \$19,000 was taken.  
 \$50,000 was taken.

**Dimension K: Street Robbery - Weapon Use**

*[Note: Contingent on Street Robbery as CRIME. This dimension appears in all Street Robbery vignettes.]*

at gunpoint, but the gun was not fired.  
 at gunpoint, and the gun was fired.  
 by threatening harm, but a weapon was not shown.

**Dimension L: Street Robbery - Personal Injury**

*[Note: Contingent on Street Robbery as CRIME. This dimension appears ONLY in the two vignettes indicating gun use, as marked with "vv" in Dimension K Street Robbery - Weapon Use.]*

The victim was not hurt.  
 The victim received a minor injury.  
 The victim was injured seriously.

**Dimension M: Street Robbery - Convenience Store**

*[Note: Contingent on Street Robbery as CRIME. This dimension appears ONLY in the convenience store vignette, as marked with "yy" in VIII. Street Robbery.]*

\$400 was taken.  
 \$900 was taken.  
 \$9,000 was taken.

**Dimension N: Street Robbery - Carjacking**

*[Note: Contingent on Street Robbery as CRIME. This dimension appears ONLY in the car jacking vignette, as marked with "zz" in VIII. Street Robbery.]*

The car was worth \$20,000.

The car was worth \$50,000.

**Dimension O: Embezzlement - Amounts**

*[Note: Contingent on Embezzlement as CRIME. This dimension appears in all Embezzlement vignettes.]*

\$900 was stolen.

\$4,000 was stolen.

\$40,000 was stolen.

\$400,000 was stolen.

**Dimension P: Embezzlement - Planning**

*[Note: Contingent on Embezzlement as CRIME. This dimension appears in all Embezzlement vignettes.]*

The crime was carefully planned over a period of time.

The crime was done with very little planning.

**Dimension Q: Civil Rights - Status I**

*[Note: Contingent on Civil Rights as CRIME and designated Status I.]*

an African-American

an Hispanic-American

an Asian-American

a homosexual

**Dimension R: Civil Rights - Status II**

*[Note: Contingent on Civil Rights as CRIME and designated Status II.]*

Protestant church.

Catholic church.

Jewish synagogue.

Muslim mosque.

**Dimension S: Antitrust - Amount**

*[Note: Contingent on Antitrust as CRIME. This dimension appears in all Antitrust vignettes.]*

As a result, the public was overcharged about \$500,000.

As a result, the public was overcharged about \$3,000,000.

As a result, the public was overcharged about \$15,000,000.

**Dimension T: Antitrust - Role**

*[Note: Contingent on Antitrust as CRIME. This dimension appears in all Antitrust vignettes.]*

The defendant acted under orders of a higher executive in the firm.

The defendant personally organized the agreements with the other firms.

The agreements among firms were in effect for many years. The defendant simply went along with the practice.

The agreements among firms were in effect for many years. The defendant, a contracts manager, simply went along with the practice.

**Dimension U: Food & Drug - Injury**

*[Note: Contingent on Food & Drug as CRIME. This dimension appears in all Food & Drug vignettes.]*

No one was injured.

About a dozen people were hospitalized as a consequence.

At least one death resulted.

**Dimension V: Food & Drug - Financial**

*[Note: Contingent on Food & Drug as CRIME. This dimension appears ONLY in the vignette involving drug tampering, as marked with "ww" in the XII. Food & Drug Violations.]*

The drug firm involved spent \$100,000 in withdrawing its product from the market.

The drug firm involved spent \$10,000,000 in withdrawing its product from the market.

**Dimension W: Environmental - Aesthetics**

*[Note: Contingent on Level 1 of Environmental as CRIME.]*

All of the mature trees were cut down.

Some mature trees were cut but not all.

**Dimension X: Environmental - Physical**

*[Note: Contingent on Level 1 of Environmental as CRIME.]*

The water shed was damaged, causing more floods and extensive soil erosion resulting in the filling in of local lakes with silt.

The water shed was not significantly damaged.

**Dimension Y: Environmental - Habitat**

*[Note: Contingent on Level 1 of Environmental as CRIME.]*

The local habitats for native plants and animals were destroyed.

The local habitats for native plants and animals were not significantly damaged.

**Dimension Z: Environmental - Human**

*[Note: Contingent on Level 1 of Environmental as CRIME.]*

Local streams and lakes were polluted, making them unsafe for swimming or for drinking water.

Local streams and lakes were not polluted.

**Dimension AA: Environmental Urban - Aesthetics**

*[Note: Contingent on Level 2 of Environmental as CRIME.]*

There were foul smells in nearby neighborhoods.  
 There were no bad smells in nearby neighborhoods.

**Dimension BB: Environmental Urban - Physical**

*[Note: Contingent on Level 2 of Environmental as CRIME.]*

House paint peeled off prematurely, and some automobile finishes were damaged.  
 There was no visible damage to house paint or automobile finishes.

**Dimension CC: Environmental Urban - Habitat**

*[Note: Contingent on Level 2 of Environmental as CRIME.]*

Large numbers of trees died, and most of the local birds left the area.  
 Local trees and birds were unaffected.

**Dimension DD: Environmental Urban - Human**

*[Note: Contingent on Level 2 of Environmental as CRIME.]*

Asthma and other respiratory illness rates were unusually high.  
 Asthma and other respiratory illness were not higher in nearby neighborhoods.

**Dimension DDD: Environmental - Level 4 or 5**

*[Note: Contingent on Level 4 or Level 5 of Environmental as CRIME. Name of dimension is DDD, not DD.]*

As a result, thousands of fish were killed.  
 But, there was no damage to fish in the river.

**Dimension EE: Tax - Loss**

*[Note: Contingent on Tax as CRIME. This dimension appears in all Tax vignettes.]*

involving \$2,000 in taxes.  
 involving \$4,000 in taxes.  
 involving \$19,000 in taxes.  
 involving \$190,000 in taxes.  
 involving \$850,000 in taxes.

**Dimension FF: Tax - Criminal Involvement**

*[Note: Contingent on Tax as CRIME. This dimension appears ONLY in the personal tax vignettes, as marked with "uu" in XIV. Tax.]*

The income involved was traced to criminal activities for which the defendant was convicted in another court case.

The income involved was believed to come from criminal activities for which the defendant was never tried in court.

**Dimension GG: Extortion and Blackmail - Amount**

*[Note: Contingent on Extortion and Blackmail as CRIME. This dimension appears in all Extortion and Blackmail vignettes. Apply dimension PP prior to dimension GG.]*

\$1,900 was demanded.  
 \$19,000 was demanded.  
 \$90,000 was demanded.

**Dimension HH: Bribery - Amount**

*[Note: Contingent on Bribery as CRIME. This dimension appears in all Bribery vignettes.]*

\$500 was offered.  
 \$1,900 was offered.  
 \$9,000 was offered.  
 \$90,000 was offered.

**Dimension II: Forgery - Amount**

*[Note: Contingent on Forgery as CRIME. This dimension appears in all Forgery vignettes.]*

\$1,900.  
 \$19,000.  
 \$190,000.  
 \$1,000,000.

**Dimension JJ: Money Laundering - Amount**

*[Note: Contingent on Money Laundering as CRIME. This dimension appears in all Money Laundering vignettes.]*

\$19,000 was involved.  
 \$190,000 was involved.  
 \$1,800,000 was involved.

**Dimension KK: Money Laundering - Knowledge**

*[Note: Contingent on Money Laundering as CRIME. This dimension appears in all Money Laundering vignettes.]*

The defendant knew the money came from criminal activity.  
 The defendant did not know the origins of the money.

**Dimension LL: Gender**

*[Note: This dimension appears in all vignettes.]*

A man (**p=.8**)  
 A woman (**p=.2**)

**Dimension MM: Family Ties**

[Note: This dimension appears in all vignettes.]

The defendant is not married. (**p=.8**)

The defendant is married and has a spouse and two children. (**p=.2**)

**Dimension NN: Employment**

[Note: This dimension appears in all vignettes.]

The defendant is currently unemployed (**p=.8**)

The defendant is currently employed (**p=.2**)

**Dimension OO: Previous Record**

[Note: This dimension appears in all vignettes EXCEPT those listed below:

Type B Frauds

Embezzlement

Antitrust

Firearms (assign aa, bb, cc, or none as indicated in IV. Firearms)

Civil Rights (assign aa, bb, cc, or none as indicated in X. Civil Rights)

Food & Drug (assign aa, bb, cc, or none only as indicated in XII. Food & Drugs)

Bribery (assign aa, bb, cc, or none as indicated in XVI. Bribery)

Money Laundering (assign aa, bb, cc, or none as indicated in XIX. Money Laundering)]

aa and has never been imprisoned before.

bb and has served 2 previous prison sentences, each more than a year.

cc and has served 4 previous prison sentences, each more than a year.

**Dimension PP: Extortion and Blackmail - Type**

[Note: Contingent on Extortion and Blackmail as CRIME. This dimension appears in all Extortion and Blackmail vignettes.]

extorting money from a victim by threatening to kill a family member.

blackmailing a prominent person by threatening to reveal a sexual indiscretion.